

Abstract

One embodiment of the present invention is a hand operated syringe for injecting a liquid which includes an elongated barrel having proximal and distal ends and an exit orifice at its distal end. A pair of opposing finger grips are present at the proximal end of the barrel, each having a proximal inner portion defining a most proximal pressure point closely adjacent the barrel to which finger pressure is applied during operation of the syringe. These points define a plane substantially perpendicular to the barrel's axis.

A plunger is received in the barrel and has a proximal end protruding from the barrel, the proximal end including a pressure surface adapted to receive manual pressure. The plunger is movable between retracted and fully inserted positions within the barrel to discharge a volume of liquid through the exit orifice. The pressure surface of the plunger and the finger pressure points closely adjacent the barrel are arranged so that when the plunger is in its fully inserted position, its pressure surface is spaced distally of the plane.